

Title (en)

Soil release polymer compositions have improved processability.

Title (de)

Vergrauungsverhütende polymerhaltige Zusammensetzungen mit verbesserter Handhabungsmöglichkeit.

Title (fr)

Compositions polymères inhibitrices de salissures à manipulation modifiée.

Publication

**EP 0342887 A2 19891123 (EN)**

Application

**EP 89304867 A 19890515**

Priority

US 19468488 A 19880516

Abstract (en)

Polymeric soil release agents that have high viscosities when molten are difficult to process. Certain organic materials can be added to such agents to lower the viscosity and improve processing. Examples of such organic materials include fatty acids, some nonionic ethylene glycol derivatives, polyethylene or polypropylene glycols and their short alkyl chain ethers, certain polyhydroxy and alkyl ether solvents, and aryl ethers of propylene glycol.

IPC 1-7

**C11D 3/37**; **C11D 17/00**; **C11D 17/04**

IPC 8 full level

**C11D 3/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)

**C11D 3/0036** (2013.01 - EP US); **C11D 3/3707** (2013.01 - EP US); **C11D 3/3715** (2013.01 - EP US)

Cited by

EP0692520A1; US5635554A; US5599782A; CN1035625C; TR25196A; WO9204433A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)

**EP 0342887 A2 19891123**; **EP 0342887 A3 19910410**; AU 3484889 A 19891116; AU 631542 B2 19921203; NZ 229123 A 19910528; US 4863619 A 19890905

DOCDB simple family (application)

**EP 89304867 A 19890515**; AU 3484889 A 19890516; NZ 22912389 A 19890515; US 19468488 A 19880516